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("recursive query" and dependency and graph)
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1 [On the equivalence of recursive and nonrecursive datalog programs](#)

Surajit Chaudhuri, Moshe Y. Vardi
 July 1992 PODS '92: Proceedings of the eleventh ACM SIGACT-SIGMOD-SIGART
 symposium on Principles of database systems

Publisher: ACM

 Full text available: [pdf\(980.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
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We study the problem of determining whether a given recursive Datalog program is equivalent to a given nonrecursive Datalog program. We prove triply exponential upper and lower time bounds.

2 The CORAL deductive system

Raghuram Krishnan, Divesh Srivastava, S. Sudarshan, Praveen Seshadri

April The VLDB Journal — The International Journal on Very Large Data
1994 Bases, Volume 3 Issue 2

Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(3.03 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

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CORAL is a deductive system that supports a rich declarative language, and an interface to C++, which allows for a combination of declarative and imperative programming. A CORAL declarative program can be organized as a collection of interacting modules. ...

Keywords: deductive database, logic programming system, query language

3 An abstract machine for tabled execution of fixed-order stratified logic programs



Konstantinos Sagonas, Terrance Swift

May ACM Transactions on Programming Languages and Systems (TOPLAS),
1998 Volume 20 Issue 3

Publisher: ACM

Full text available:  pdf(602.38 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 31, Citation Count: 8

SLG resolution uses tabling to evaluate nonfloundering normal logic programs according to the well-founded semantics. The SLG-WAM, which forms the engine of the XSB system, can compute in-memory recursive queries an order of magnitude faster ...

Keywords: SLG, WAM, memoing, prolog, stratification theories, tabling

4 Attribute agreement



Y. C. Tay

March PODS '89: Proceedings of the eighth ACM SIGACT-SIGMOD-SIGART
1989 symposium on Principles of database systems

Publisher: ACM

Full text available:  pdf(683.13 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

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